



Application No. 10/646,695
Amendment dated October 3, 2006
Reply to Office Action of 11/14/2006

Docket No.: 0505-1230P

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A lubricating system for an engine, said lubricating system comprising:

an oil pump connected to an oil filter via a discharge port of the oil pump;

a main gallery being connected to the discharge port of the oil pump via the oil filter, wherein said main gallery is provided in a crankcase of the engine;

a sub-gallery for leading oil to a cylinder head side of the lubricating system, said sub-gallery being provided in said crankcase in such a manner as to be operatively connected to an outlet of said oil filter and in parallel to said main gallery;

an oil cooler operatively connected to said sub-gallery and said main-gallery,

wherein oil flowing through said main gallery is in parallel flow to oil flowing in said sub-gallery, and

wherein a center line of said sub-gallery, a center line of said main gallery, a center line of a communication passage for communicating said outlet of said oil cooler to said main gallery, and a center axis of said oil filter and a center axis of said oil cooler are all located within the same plane.

2. (Cancelled)

3. (Currently Amended) The lubricating system according to ~~claim 2~~ claim 1, wherein said sub-gallery includes a first passage portion extending in a straight line so as to

communicate said outlet of said oil filter with the oil cooler, and a second passage portion extending in a straight line in a direction opposite to the direction of said first passage portion.

4. (Currently Amended) The lubricating system according to ~~claim 2~~ claim 1, wherein said sub-gallery and said main gallery each have a longitudinal axis and are provided in said crankcase, said longitudinal axes of said sub-gallery and said main gallery being in with parallel an axis of rotation of said crankshaft.

5. (Original) The lubricating system according to claim 3, wherein said sub-gallery and said main gallery each have a longitudinal axis and are provided in said crankcase, said longitudinal axes of said sub-gallery and said main gallery being in with parallel an axis of rotation of said crankshaft.

6-8. (Cancelled)

9. (Original) The lubricating system according to claim 5, wherein a discharge passage for connecting said oil pump to said oil filter is disposed in a position beneath said main-gallery and said sub-gallery in such a manner that an axis of said discharge passage is perpendicular to the longitudinal axes of said main-gallery and said sub-gallery.

10. (Cancelled)

11. (Currently Amended) The lubricating system according to ~~claim 7~~ claim 3, wherein said oil filter and said oil cooler are mounted in parallel to an outer wall surface of said crankcase.

12. (Cancelled)

13. (Currently Amended) A lubricating device for an engine having a crankcase, said lubricating device comprising:

an oil pump connected to an oil filter via a discharge port of the oil pump;

a main gallery being connected to the discharge port of the oil pump via the oil filter,

wherein said main gallery is provided in the crankcase of the engine;

a sub-gallery for leading oil to a cylinder head side of the lubricating device, said sub-gallery being provided in said crankcase in such a manner as to be operatively connected to an outlet of said oil filter and in parallel to said main gallery;

an oil cooler operatively connected to said sub-gallery and said main-gallery,

wherein oil flowing through said main gallery is in parallel flow to oil flowing in said sub-gallery, and

wherein a center line of said sub-gallery, a center line of said main gallery, a center line of a communication passage for communicating said outlet of said oil cooler to said

main gallery, and a center axis of said oil filter and a center axis of said oil cooler are all located within the same plane.

14. (Cancelled)

15. (Currently Amended) The lubricating device according to ~~claim 14~~ claim 13, wherein said sub-gallery includes a first passage portion extending in a straight line so as to communicate said outlet of said oil filter with the oil cooler, and a second passage portion extending in a straight line in a direction opposite to the direction of said first passage portion.

16. (Cancelled)

17. (Currently Amended) The lubricating device according to ~~claim 16~~ claim 13, wherein a discharge passage for connecting said oil pump to said oil filter is disposed in a position beneath said main-gallery and said sub-gallery in such a manner that an axis of said discharge passage is perpendicular to the longitudinal axes of said main-gallery and said sub-gallery.

18. (New) A lubricating system for an engine, said lubricating system comprising:
an oil pump connected to an oil filter via a discharge port of the oil pump;

a main gallery being connected to the discharge port of the oil pump via the oil filter, wherein said main gallery is provided in a crankcase of the engine;

a sub-gallery extending parallel to the main gallery, said sub-gallery including a first passage portion extending in a straight line so as to communicate an outlet of said oil filter with an oil cooler, and a second passage portion extending in a straight line in a direction opposite to the direction of said first passage portion; and

an oil passage extending upwardly from the opposite end of the sub-gallery to the cylinder head for leading oil to a cylinder head side of the lubricating system.

19. (New) The lubricating system according to claim 18, further comprising an oil cooler operatively connected to said sub-gallery and said main-gallery.

20. (New) The lubricating system according to claim 19, wherein a center line of said sub-gallery, a center line of said main gallery, a center line of a communication passage for communicating said outlet of said oil cooler to said main gallery, and a center axis of said oil filter and a center axis of said oil cooler are all located within the same plane.